

Alkyldiketene-containing aqueous polymer dispersions, their preparation and their use

**Abstract**

Alkyldiketene-containing aqueous polymer dispersions which are obtainable by miniemulsion polymerization of hydrophobic monoethylenically unsaturated monomers in the presence of alkyldiketenes, processes for the preparation of such polymer dispersions and the use of the thus obtainable dispersions as sizes for paper or as water repellents for leather, natural and/or manmade fibers and textiles.